

Recovery Plan Action Status

Plan Name: Callicarpa ampla, Ilex sintenisii, Styra portoricensis, Ternstroemia luquillensis, and Ternstroemia subsessilis Recovery Plan

Plan Status: Final

Plan Date: 31-Jul-95

Lead Agency: USFWS

Lead Office: Caribbean Ecological Services Field Office

(887)
851-7297)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (Ternstroemia subsessilis), Palo de jazmin (Styrax portoricensis), Palo colorado (Ternstroemia luquillensis), Capa rosa (Callicarpa ampla), No common name (Ilex sintenisii)	1	111	Develop management plans, in cooperation with the USDA Forest Service, for the Caribbean National Forest	Not Started			U.S. Forest Service, U.S. Dept. of Agriculture, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Management: Planning	Internal Administrative, Internal Field Assistance	No cost anticipated.
No common name (Ternstroemia subsessilis), Palo de jazmin (Styrax portoricensis), Palo colorado (Ternstroemia luquillensis), Capa rosa (Callicarpa ampla), No common name (Ilex sintenisii)	1	121	Monitor known populations	Ongoing Current	FY 1995 - FY 1999	FY 2011	U.S. Forest Service, U.S. Dept. of Agriculture	Management	Internal Field Assistance	
No common name (Ternstroemia subsessilis), Palo de jazmin (Styrax portoricensis), Palo colorado (Ternstroemia luquillensis), Capa rosa (Callicarpa ampla), No common name (Ilex sintenisii)	1	122	Enforce existing Commonwealth and Federal endangered species regulations	Ongoing Current	FY 1995 - FY 1999	FY 2011	U.S. Fish and Wildlife Service, Law Enforcement Division, Puerto Rico Department of Natural and Environmental Resources, U.S. Forest Service, U.S. Dept. of Agriculture, U.S. Fish and Wildlife Service, Office of Endangered Species	Other: Law Enforcement	Internal Field Assistance	

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No common name (Ternstroemia subsessilis), Palo de jazmin (Styrax portoricensis), Palo colorado (Ternstroemia luquillensis), Capa rosa (Callicarpa ampla), No common name (Ilex sintenisii)	2	211	Identify and inventory potential sites	Not Started			Universities, U.S. Forest Service, U.S. Dept. of Agriculture	Research	Graduate Student, Species Expert	
No common name (Ternstroemia subsessilis), Palo de jazmin (Styrax portoricensis), Palo colorado (Ternstroemia luquillensis), Capa rosa (Callicarpa ampla), No common name (Ilex sintenisii)	2	212	Characterize sites to determine their suitability as future recovery sites	Not Started			Universities, Puerto Rico Department of Natural and Environmental Resources, U.S. Forest Service, U.S. Dept. of Agriculture, U.S. Fish and Wildlife Service, Office of Endangered Species	Research: Habitat Requirements	Contract, Graduate Student, Internal Field Assistance	No cost anticipated.
No common name (Ternstroemia subsessilis), Palo de jazmin (Styrax portoricensis), Palo colorado (Ternstroemia luquillensis), Capa rosa (Callicarpa ampla), No common name (Ilex sintenisii)	1	213	Obtain protective status for the privately owned population sites	Not Started			Puerto Rico Department of Natural and Environmental Resources, U.S. Fish and Wildlife Service, Office of Endangered Species	Acquisition: Easement	Internal Field Assistance	Cost can not determined at present due to the possibility of conservation easements or land owner agreements.

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No common name (Ternstroemia subsessilis), Palo de jazmin (Styrax portoricensis), Palo colorado (Ternstroemia luquillensis), Capa rosa (Callicarpa ampla), No common name (Ilex sintenisii)	2	321	Assess periodicity of flower production and pollination activity	Not Started			Universities, Puerto Rico Department of Natural and Environmental Resources, U.S. Forest Service, U.S. Dept. of Agriculture, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Research: Propagation	Contract, Graduate Student	15K/yr & 10k/yr includes 321, 322, 323, and 324
No common name (Ternstroemia subsessilis), Palo de jazmin (Styrax portoricensis), Palo colorado (Ternstroemia luquillensis), Capa rosa (Callicarpa ampla), No common name (Ilex sintenisii)	2	322	Assess periodicity of fruit and seed set , and dispersion	Not Started			Universities, Puerto Rico Department of Natural and Environmental Resources, U.S. Forest Service, U.S. Dept. of Agriculture, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Research: Propagation	Contract, Graduate Student, Species Expert	
No common name (Ternstroemia subsessilis), Palo de jazmin (Styrax portoricensis), Palo colorado (Ternstroemia luquillensis), Capa rosa (Callicarpa ampla), No common name (Ilex sintenisii)	2	323	Assess seed viability and germination	Not Started			Universities, Puerto Rico Department of Natural and Environmental Resources, U.S. Forest Service, U.S. Dept. of Agriculture, U.S. Fish and Wildlife Service, Office of Endangered Species	Research: Demographic Studies	Contract, Graduate Student, Species Expert	The PR Conservation Trust has propagated approximately 200 trees of Styrax portoricensis

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No common name (Ternstroemia subsessilis), Palo de jazmin (Styrax portoricensis), Palo colorado (Ternstroemia luquillensis), Capa rosa (Callicarpa ampla), No common name (Ilex sintenisii)	2	324	Evaluate seedling establishment and growth	Not Started			Universities, Puerto Rico Department of Natural and Environmental Resources, U.S. Forest Service, U.S. Dept. of Agriculture, U.S. Fish and Wildlife Service, Office of Endangered Species	Research: Population Surveys	Contract, Graduate Student	
No common name (Ternstroemia subsessilis), Palo de jazmin (Styrax portoricensis), Palo colorado (Ternstroemia luquillensis), Capa rosa (Callicarpa ampla), No common name (Ilex sintenisii)	2	325	Determine genetic structure of the species	Not Started			Universities	Research: Genetics	Contract, Graduate Student, Species Expert	
No common name (Ternstroemia subsessilis), Palo de jazmin (Styrax portoricensis), Palo colorado (Ternstroemia luquillensis), Capa rosa (Callicarpa ampla), No common name (Ilex sintenisii)	1	331	Assess feasibility of propagation	Ongoing Current	FY 1995 - FY 1999	FY 2011	Conservation Organizations	Management: Propagation	Species Expert	The PR Conservation Trust has propagated approximately 200 trees of Styrax portoricensis
No common name (Ternstroemia subsessilis), Palo de jazmin (Styrax portoricensis), Palo colorado (Ternstroemia luquillensis), Capa rosa (Callicarpa ampla), No common name (Ilex sintenisii)	2	332	Develop artificial propagation program	Ongoing Current	FY 1995 - FY 1999	FY 2011	Conservation Organizations	Management: Propagation	Labor type not yet selected	The PR Conservation Trust has propagated approximately 200 trees of Styrax portoricensis

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No common name (Ternstroemia subsessilis), Palo de jazmin (Styrax portoricensis), Palo colorado (Ternstroemia luquillensis), Capa rosa (Callicarpa ampla), No common name (Ilex sintenisii)	2	412	Ensure site protection	Not Started			Conservation Organizations, Puerto Rico Department of Natural and Environmental Resources, U.S. Forest Service, U.S. Dept. of Agriculture, U.S. Fish and Wildlife Service, Office of Endangered Species	Acquisition: Easement	Labor type not yet selected	No cost anticipated. Forest has rangers.
No common name (Ternstroemia subsessilis), Palo de jazmin (Styrax portoricensis), Palo colorado (Ternstroemia luquillensis), Capa rosa (Callicarpa ampla), No common name (Ilex sintenisii)	2	413	Introduction of plants	Not Started			Conservation Organizations, Universities, Puerto Rico Department of Natural and Environmental Resources, U.S. Forest Service, U.S. Dept. of Agriculture, U.S. Fish and Wildlife Service, Office of Endangered Species	Management: Propagation	Contract, Internal Field Assistance, Internal Technical Assistance, Volunteer	
No common name (Ternstroemia subsessilis), Palo de jazmin (Styrax portoricensis), Palo colorado (Ternstroemia luquillensis), Capa rosa (Callicarpa ampla), No common name (Ilex sintenisii)	2	51	Determine numbers of individuals and populations necessary to ensure species stability, security, and self-perpetuation	Not Started			Conservation Organizations, Puerto Rico Department of Natural and Environmental Resources, U.S. Forest Service, U.S. Dept. of Agriculture, U.S. Fish and Wildlife Service, Office of Endangered Species	Research: Demographic Studies	Labor type not yet selected	No cost anticipated.

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